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Group Art Unit: 1615

Attorney
Docket: 25706

Examiner:

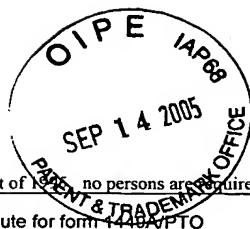
INFORMATION DISCLOSURE STATEMENT

Enclosed is a PTO Form 1449 which lists citations which may be material to the patentability and examination of the above identified application. Also enclosed are copies of the references cited. These are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement under 37 CFR 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any or more of these citations constitutes prior art.

Martin D. Moynihan

Dated: August 7, 2005



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
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Substitute for form 1449 PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/816,861
Filing Date	April 5, 2004
First Named Inventor	NAVARRO Shlomo et al
Art Unit	1615
Examiner Name	
Attorney Docket Number	25706

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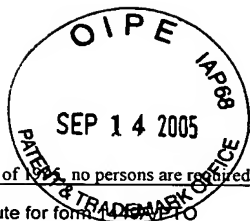
of

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US-6,534,078	03-18-2003	Strzemienski et al.	
	2	US-5,985,010	11-16-1999	Etscorn et al.	
	3	US-5,843,215	01-1-1998	Whalon et al.	
	4	US-4,160,335	07-10-1979	Von Kohorn et al.	
	5	US-3,864,468	04-4-1975	Hyman et al.	
	6	US-2,001,478	05-14-1935	Vogt	
	7	US-3,044,885	07-17-1962	Loehr	
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	9	US-3,493,464	03-3-1970	Bowers et al.	
	10	US-3,653,873	04-4-1972	Bayer	
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	34	US-5,242,052	07-7-1993	Weder	
	35	US-5,254,401	10-19-1993	Kelch et al.	
	36	US-5,688,509	11-18-1997	Radwan et al.	
	37	US-6,190,710	02-20-2001	Nir et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Documents	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
Examiner Signature				Date Considered		



PTO/SB/08b (08-03)

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Substitute for form PTO/SB/08b INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/816,861
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		First Named Inventor	NAVARRO Shlomo et al
		Group Art Unit	1615
Examiner Name		Attorney Docket Number	25706
Sheet		Of	
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	38	Aratanechemuge et al. "Selective Induction of Apoptosis by Ar-Turmerone Isolated From Turmeric (Curcuma Longa L) in Two Human Leukemia Cell Lines, But Not In Human Stomach Cancer Cell Line", Intern. Journal of Molecular Medicine, 9: 481-484, 2002.	
	39	Golding et al. "Structures of α- and β-Turmerone", J. Chem. Soc. Perkin Trans., P.1519-1524, 1992.	
	40	Ohshiro et al. "Structures of Sesquiterpenes From Curcuma Longa", Phytochemistry, 29(7): 2201-2205, 1990.	
	41	He et al. "Liquid Chromatography-Electrospray Mass Spectrometric Analysis of Curcuminoids and Sesquiterpenoids in Turmeric (Curcuma Longa)", Journal of Chromatography A, 818: 127-132, 1998.	
	42	Jilani et al. "Repellent and Feeding Deterrent Effects of Turmeric Oil, Sweetflag Oil, Neem Oil, and A Neem-Based Insecticide Against Lesser Grain Borer (Coleoptera: Bostrychidae)", Journal of Economic Entomology, 83(2): 629-634, 1990.	
	43	Su et al. "Isolation, Purification, and Characterization of Insect Repellents From Curcuma Longa L.", J. Agric. Food Chem., 30: 290-292, 1982.	
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	45	Raina et al. "Turning to Turmeric", www.essentiallyoils.com/Newsletter/May_2000_News.../may_2000_newsletter.htm, Newsletter, 2000. Abstract.	
	46	Antony "Chemistry, Technology and Uses in Food Industry - A Review", Kancor Technical Forum, http://www.kancorflavours.com/html/k0431bis.htm, 2 P., 2001.	
	47	Golob et al. "The Use of Spices and Medicinals as Bioactive Protectants for Grains", FAO Agricultural Services Bulletin, Food and Agriculture Organization of the United Nations Rome, 137(Chap.2, 3h, 6): 7 P., 1999.	
	48	Lee et al. "Insecticidal Activities of Ar-Turmerone Identified in Curcuma Longa Rhizome Against Nilaparvata Lugens (Homoptera: Delphacidae) and Plutella Xylostella (Lepidoptera: Yponomeutidae)", Journal of Asia Pacific Entomology, 4(2): 181-185, 2001. Abstract.	
	49	Raina et al. "Essential Oil Composition of Curcuma Longa L. Cv. Roma From the Plants of Northern India", Flavour and Fragrance Journal, 17(2): 99-102, 2002. Abstract.	
	50	Zwavig et al. "Analysis of the Essential Oils of Five Curcuma Species", Flavour and Fragrance Journal, 7(1): 19-22, 1992. Abstract.	
	51	Martins et al. "Essential Oil Composition and Antimicrobial Activity of Three Zingiberaceae From S. Tomé e Príncipe", Planta Med., 67: 580-584, 2001.	
	52	Leal et al. "Functional Properties of Spice Extracts Obtained Via Supercritical Fluid Extraction", J. Agric. Food Chem., 51: 2520-2525, 2003.	
Signature		Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹. Applicant's unique citation designation number (optional). ². Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.